

discovering an entity affected by an outage of at least one of the identified devices; and  
 informing the discovered entity that the identified devices are scheduled to be without power during the notified time period.

**35.** The method as claimed in claim **34**, wherein informing the discovered entity comprises sending a message to the discovered entity, the message comprising identifiers of the identified devices and the notified time period.

**36.** The method as claimed in claim **35**, further comprising:

- selecting from among the identified devices those devices affecting the discovered entity;
- determining an identifier for each of the selected devices with respect to the discovered entity; and
- assembling the determined identifiers into the message.

**37.** The method as claimed in claim **34**, wherein informing the discovered entity comprises publishing identifiers of the identified devices and the notified time period to a platform accessible by the discovered entity.

**38.** The method as claimed in claim **34**, further comprising:

- calculating an impact upon network resources of the scheduled power outage.

**39.** The method as claimed in claim **34**, wherein the discovered entity comprises a network management node.

**40.** The method as claimed in claim **34**, wherein the discovered entity comprises an application or service provider.

**41.** The method as claimed in claim **40**, wherein discovering an entity affected by an outage of at least one of the identified devices comprises discovering what applications or services are running on at least one of the identified devices.

**42.** The method as claimed in claim **34**, wherein the discovered entity comprises a recommendation engine.

**43.** The method as claimed in claim **34**, wherein the discovered entity comprises a Demand Response Automation Server.

**44.** The method as claimed in claim **34**, wherein receiving a notification of a scheduled outage of mains power comprises receiving a notification directly from a mains power provider.

**45.** The method as claimed in claim **34**, wherein receiving a notification of a scheduled outage of mains power comprises receiving a notification from a Demand Response Automation Server.

**46.** The method as claimed in claim **34**, further comprising, after identifying mains powered devices registered on the communication network and situated in the notified location;

- removing from the identified devices any devices supplied with mains power by a supplier other than the supplier scheduling the notified scheduled outage.

**47.** The method as claimed in claim **34**, wherein identifying mains powered devices registered on the communica-

tion network and situated in the notified location comprises identifying Machine Type Communication Devices registered on the communication network and situated in the notified location.

**48.** The method as claimed in claim **47**, wherein identifying mains powered devices registered on the communication network and situated in the notified location comprises identifying stationary Machine Type Communication Devices registered on the communication network and situated in the notified location.

**49.** A method, in a network node, for managing effects on a communications network of a scheduled outage of mains power, the method comprising:

- receiving a message identifying mains powered devices registered on the communication network and affected by the scheduled outage; and
- applying at least one of a Quality of Service or Bandwidth or Charging policy according to the received message; wherein the message comprises identifiers of the affected devices and a time period during which the scheduled outage is scheduled.

**50.** A computer program product configured, when run on a computer, to carry out a method as claimed in claim **34**.

**51.** A communication network node configured for managing effects of a scheduled outage of mains power, the communication network node comprising a processor and a memory, the memory containing instructions executable by the processor whereby the communication network node is operative to:

- receive a notification of a scheduled outage of mains power, the notification comprising a location to be affected by the scheduled outage and a time period during which the scheduled outage is scheduled;
- identify mains powered devices registered on the communication network and situated in the notified location;
- discover an entity affected by an outage of at least one of the identified devices; and
- inform the discovered entity that the identified devices are scheduled to be without power during the notified time period.

**52.** A communication network node configured for managing effects on a communications network of a scheduled outage of mains power, the communication network node comprising a processor and a memory, the memory containing instructions executable by the processor whereby the communication network node is operative to:

- receive a message identifying mains powered devices registered on the communication network and affected by the scheduled outage; and
- apply at least one of a Quality of Service or Bandwidth or Charging policy according to the received message; wherein the message comprises identifiers of the affected devices and a time period during which the scheduled outage is scheduled.

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